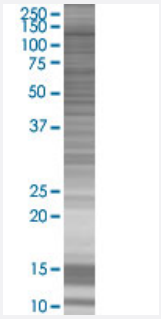
CAMLG 293T Cell Transient Overexpression Lysate(Denatured)

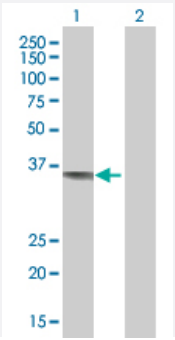
Catalog # H00000819-T01 Size 100 uL

Applications



SDS-PAGE Gel

CAMLG transfected lysate.



Western Blot

Lane 1: CAMLG transfected lysate (33 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CAMLG full-length
Host	Human
Theoretical MW (kDa)	33
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-CAMLG antibody (H00000819-B01) by We stern Blots. SDS-PAGE Gel CAMLG transfected lysate. Western Blot Lane 1: CAMLG transfected lysate (33 KDa) Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CAMLG

Entrez GeneID	819
GeneBank Accession#	NM_001745.2
Protein Accession#	-
Gene Name	CAMLG
Gene Alias	CAML, MGC163197
Gene Description	calcium modulating ligand
Omim ID	601118
Gene Ontology	Hyperlink
Gene Summary	The immunosuppressant drug cyclosporin A blocks a calcium-dependent signal from the T-cell receptor (TCR) that normally leads to T-cell activation. When bound to cyclophilin B, cyclosporin A binds and inactivates the key signaling intermediate calcineurin. The protein encoded by this gene functions similarly to cyclosporin A, binding to cyclophilin B and acting downstream of the TCR and upstream of calcineurin by causing an influx of calcium. This integral membrane protein appears to be a new participant in the calcium signal transduction pathway, implicating cyclophilin B in calcium signaling, even in the absence of cyclosporin. [provided by RefSeq
Other Designations	calcium-modulating cyclophilin ligand|calcium-signal modulating cyclophilin ligand|cyclophilin B-binding protein

Disease

- Coronary Artery Disease
- Genetic Predisposition to Disease